



Northeast Michigan

2018 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	3.6	7.7	<small>(<1.0)</small> 1.5	<small>(1.0-2.5)</small> 54.9	<small>(2.5-5.0)</small> 38.3	<small>(5.0-7.0)</small> 1.9	<small>(7.0+)</small> 3.4
Phosphorus (P1), ppm	52	41	<small>(<10)</small> 2.8	<small>(10-20)</small> 11.3	<small>(20-30)</small> 15.6	<small>(30-50)</small> 29.2	<small>(50+)</small> 41.1
Phosphorus (P2), ppm	96	55	<small>(<14)</small> 1.1	<small>(14-29)</small> 4.0	<small>(29-44)</small> 6.6	<small>(44-74)</small> 25.7	<small>(74+)</small> 62.6
Potassium (K), ppm	149	66					
K, % Base Saturation	4.0	1.8	<small>(<0.93)</small> 0.9	<small>(0.93-1.83)</small> 6.7	<small>(1.84-3.67)</small> 45.1	<small>(3.68-5.50)</small> 36.4	<small>(>5.50)</small> 11.0
Magnesium (Mg), ppm	227	115					
Mg, % Base Saturation	18.1	5.2	<small>(<5)</small> 0.5	<small>(5-10)</small> 6.1	<small>(10-15)</small> 20.7	<small>(15-25)</small> 64.5	<small>(25+)</small> 8.2
Calcium (Ca), ppm	1610	1163					
Ca, % Base Saturation	72.0	10.2	<small>(<45)</small> 1.7	<small>(45-55)</small> 5.2	<small>(55-75)</small> 49.3	<small>(75-85)</small> 36.9	<small>(85+)</small> 6.9
pH (1:1)	7.1	0.6	<small>(<5.1)</small> 0.2	<small>(5.1-5.8)</small> 4.2	<small>(5.9-6.0)</small> 36.5	<small>(7.0-7.5)</small> 31.7	<small>(>7.5)</small> 27.3
CEC, meq/100g	10.8	6.3	<small>(<3.1)</small> 1.1	<small>(3.1-8.0)</small> 31.6	<small>(8.1-15.0)</small> 52.8	<small>(15.1-25.0)</small> 11.6	<small>(>25.0)</small> 2.8
Sulfur (S), ppm	12	17.7	<small>(<4)</small> 0.4	<small>(4-7)</small> 27.3	<small>(8-12)</small> 51.5	<small>(13-17)</small> 10.9	<small>(>17)</small> 9.7
Zinc (Zn), ppm	5.8	3.6	<small>(<1.0)</small> 17.6	<small>(1.1-2.9)</small> 30.7	<small>(3.0-4.9)</small> 42.8	<small>(5.0-10.0)</small> 8.7	<small>(>10.0)</small> 3.9
Manganese (Mn), ppm	33	12	<small>(<6)</small> 1.9	<small>(6-14)</small> 7.8	<small>(15-19)</small> 17.4	<small>(20-49)</small> 68.8	<small>(>49)</small> 3.9
Iron (Fe), ppm	40	25		<small>(<5)</small> 0.5	<small>(5-9)</small> 0.7	<small>(10-50)</small> 79.1	<small>(>50)</small> 19.6
Copper (Cu), ppm	2.1	1.7		<small>(<0.4)</small> 0.3	<small>(0.4-1.1)</small> 26.5	<small>(1.2-3.0)</small> 58.9	<small>(>3.0)</small> 14.4
Boron (B), ppm	0.9	0.7	<small>(<0.4)</small> 12.4	<small>(0.4-0.5)</small> 14.6	<small>(0.6-1.2)</small> 51.3	<small>(1.3-2.5)</small> 19.4	<small>(>2.5)</small> 2.1
Nitrate (NO ₃ -N), ppm	36.3	32.8	<small>(<5)</small> 4.3	<small>(5-9)</small> 5.4	<small>(10-19)</small> 23.7	<small>(20-39)</small> 32.3	<small>(>39)</small> 34.4
Ammonium (NH ₄ -N), ppm	10.5	19.5	<small>(<5)</small> 69.0	<small>(5-9)</small> 17.2	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small> 13.8